## Growth Project

<table>
<thead>
<tr>
<th>Overview</th>
<th>Students will create a Toodledo account in order to create charts to show evidence of their findings.</th>
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</thead>
<tbody>
<tr>
<td>Objective</td>
<td>The objective is for the students to study a corn plant over the course of 3 weeks. The students will record their findings twice a week.</td>
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<td>Standards</td>
<td>Standard 2b- Design and Develop Digital-Age Learning Experiences and Assessments, develop technology-enriched learning environments that enable all students to pursue their individual curiosities and become active participants in setting their own educational goals, managing their own learning, and assessing their own progress</td>
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</tbody>
</table>
| Material | • A Toodledo account  
• Access to a computer with internet  
• A greenhouse  
• Pots  
• Corn seeds  
• Fertilizer |
| Procedure | 1. Explain to the students that they will be planting three corn seeds per group. (Groups of 3-5) Explain that some seed will be fertilized and others will receive no extra care besides water.  
2. Have the students plant the three corn seeds.  
3. After the students left the teacher should spray fertilizer on select pots.  
4. Leave the plants in the greenhouse for a total of 3 weeks.  
5. The teacher should water the plants daily.  
6. The students should check on their plants twice a week and record the data that they find (Ex. Height, leaf color, Number of leaves, etc.)  
7. After three weeks of recording data the students should use Toodledo to create graphs containing their data.  
8. Once their graphs are complete the students should write a short paper explaining their findings and whether or not they think their plants were fertilized. |
| Evaluation | Their evaluation will be turning their completed paper and graphs. The teacher should then tell the students which group’s plants were fertilized. |